SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:3:6

TEST REPORT ON CEMENT

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duo marvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	12/06/2021
Date of Submission:	19/05/2022

SOCIUS ENGG. TECH PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

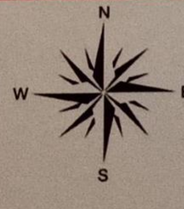
SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

SL no	Description	Test Method as per IS	Test Result	Remarks
1	a) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	b) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	a) 3 Days	Mpa	26	ok
	b) 7 Days	Mpa	37	ok

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:3:6

TEST REPORT ON CEMENT

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duo marvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Nisarga Park and Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	10/01/2022
Date of Submission:	19/05/2022

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

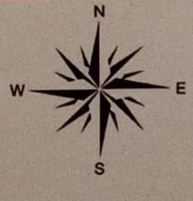
Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

SL no	Description	Test Method as per IS	Test Result	Remarks
1	c) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	d) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	c) 3 Days	Mpa	26	ok
	d) 7 Days	Mpa	37	ok

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

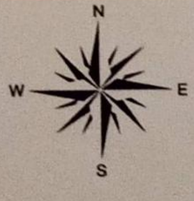
AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:2:4

TEST REPORT ON CEMENT

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16/12/2021, 22/12/2021
Date of Submission:	19/05/2022

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560010



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

SL no	Description	Test Method as per IS	Test Result	Remarks
1	e) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	f) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	e) 3 Days	Mpa	26	ok
	f) 7 Days	Mpa	37	ok

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:2:4

TEST REPORT ON CEMENT

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	25/01/2022
Date of Submission:	19/05/2022

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

SL no	Description	Test Method as per IS	Test Result	Remarks
1	g) Initial setting time	IS: -4031 (part-5)	128 Minutes	ok
	h) Final setting time	IS: -4031 (part-5)	460Minutes	ok
2	Soundness	IS: 4031 (part-3) La-Chatelier method	3.0 mm	ok
3	Standard Consistency	IS: -4031 (part-4)	25.00%	ok
4	Compressive Strength			
	g) 3 Days	Mpa	26	ok
	h) 7 Days	Mpa	37	ok

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:3:6

TEST REPORT ON FINE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	12/06/2021
Date of Submission:	19/05/2022

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

SOCIUS ENGG. TECH. PVT. LTD. Bengaluru 560 010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

SOCIUS ENGG. TECH. PVT. LTD. Bangalore 560010

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:3:6

TEST REPORT ON FINE AGGREGATE

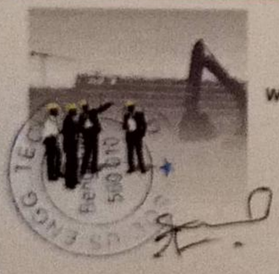
Name of work:	**Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division**
Location:	**Nisarga Park and Vivekananda Park**
Client:	**Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore**
Name of the Agency:	**Sri. N. Jagadish**
Reference:	**EE(Project)/Ynk Zone/WO/179/2020-21**
Condition of Samples:	**IS 383-1970 (RA-2002), Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**10/01/2022**
Date of Submission:	**19/05/2022**

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:2:4

TEST REPORT ON FINE AGGREGATE

Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground in Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	16/12/2021, 22/12/2021
Date of Submission:	19/05/2022

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:2:4

TEST REPORT ON FINE AGGREGATE

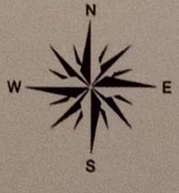
Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	25/01/2022
Date of Submission:	19/05/2022

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
10	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

Material Tests for Concrete 1:3:6

TEST REPORT ON COARSE AGGREGATE

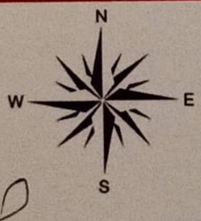
Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground In Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Duo marvels Layout And Nisarga Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	12/06/2021
Date of Submission:	19/05/2022

Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10



#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

SOCIUS ENGG. TECH. PVT. LTD.

AN ISO 9001: 2015, MSME CERTIFIED COMPANY

Material Tests for Concrete 1:3:6

TEST REPORT ON COARSE AGGREGATE

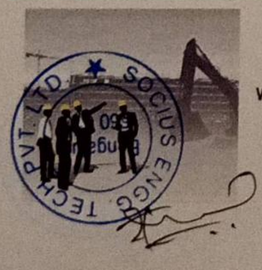
Name of work:	Package No-10 1.Improvements to Vivekananda Stadium and providing Indoor Gym Equipments to Hoysala Ground in Ward No.03 and 04 in Yelahanaka Satelite Town Sub Division 2.Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division 3.Improvements to Parks at 21st Main Judicial Layout in ward No. 04 of Yelahanaka Satelite Town Sub Division 4.Improvements to Parks in Ward No.04 in Yelahanaka Satelite Town Sub Division
Location:	Nisarga Park and Vivekananda Park
Client:	Assistant Executive Engineer, Yelahanka Project BBMP, Bangalore
Name of the Agency:	Sri. N. Jagadish
Reference:	EE(Project)/Ynk Zone/WO/179/2020-21
Condition of Samples:	IS 383-1970 (RA-2002), Satisfactory
Test According to:	Relevant IS code
Date of Testing:	10/01/2022
Date of Submission:	19/05/2022

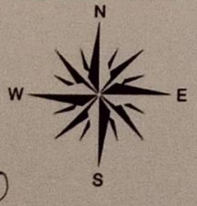
Total Wt of Aggregate in Gms: 2300

#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
40	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10





#363, 19th Main Road, 1st Block,
Rajajinagar, Bengaluru – 560010
E-Mail: support@sociusengg.com
Call: 7259425099, 8951206241
Website: www.sociusengg.com

Scanned by TapScanner